RAW SEQUENCE LISTING   DATE: 12/10/2001
PATENT APPLICATION: US/09/944,944   TIME: 15:40:44

Input Set : N:\paola\09944944.txt   /63)
Output Set: N:\CRF3\12102001\I944944.raw

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   5         Eaton,Dan
   6         Ferrara,Napoleone
   7         Filvaroff,Ellen
   8         Gerritsen,Mary
   9         Goddard,Audrey
  10         Godowski,Paul
  11         Grimaldi,Christopher
  12         Gurney,Austin
  13         Hillan,Kenneth
  14         Kljavin,Ivar
  15         Napier,Mary
  16         Roy,Margaret
  17         Tumas,Daniel
  18         Wood,William
  20 <120> TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
  21         ACIDS ENCODING THE SAME
  23 <130> FILE REFERENCE: P2548P1C1
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  25 <141> CURRENT FILING DATE: 2001-08-31
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  63 <150> PRIOR APPLICATION NUMBER: 60/074,086
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/944,944

DATE: 12/10/2001
TIME: 15:40:44

Input Set : N:\paola\09944944.txt
Output Set: N:\CRF3\12102001\I944944.raw

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RAW SEQUENCE LISTING   DATE: 12/10/2001
PATENT APPLICATION: US/09/944,944   TIME: 15:40:44

Input Set : **N:\paola\09944944.txt**
Output Set: **N:\CRF3\12102001\I944944.raw**

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141 <211> LENGTH: 2454
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo Sapien
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148    caccaggact gtgttgaagg gtgttttttt tcttttaaat gtaataacctc 100
150    ctcatctttt cttcttacac agtgtctgag aacatttaca ttatagataa 150
152    gtagtacatg gtggataact tctacttta ggaggactac tctcttctga 200
154    cagtcctaga ctggtcttct acactaagac accatgaagg agtatgtgct 250
156    cctattattc ctggctttgt gctctgccaa acccttcttt agcccttcac 300
158    acatcgcact gaagaatatg atgctgaagg atatggaaga cacagatgat 350
160    gatgatgatg atgatgatga tgatgatgat gatgaggaca actctctttt 400
162    tccaacaaga gagccaagaa gccatttttt tccatttgat ctgtttccaa 450
164    tgtgtccatt tggatgtcag tgctattcac gagttgtaca ttgctcagat 500
166    ttaggtttga cctcagtccc aaccaacatt ccatttgata ctcgaatgct 550
168    tgatcttcaa aacaataaaa ttaaggaaat caaagaaaat gattttaaag 600
170    gactcacttc actttatggt ctgatcctga acaacaacaa gctaacgaag 650
172    attcacccaa aagcctttct aaccacaaag aagttgcgaa ggctgtatct 700
174    gtcccacaat caactaagtg aaataccact taatcttccc aaatcattag 750
176    cagaactcag aattcatgaa aataaagtta agaaaataca aaaggacaca 800
178    ttcaaaggaa tgaatgcttt acacgttttg gaaatgagtg caaaccctct 850
180    tgataataat gggatagagc caggggcatt tgaaggggtg acggtgttcc 900
182    atatcagaat tgcagaagca aaactgacct cagttcctaa aggcttacca 950
184    ccaactttat tggagcttca cttagattat aataaaattt caacagtgga 1000
186    acttgaggat tttaaacgat acaaagaact acaaaggctg ggcctaggaa 1050
188    acaacaaaat cacagatatc gaaaatggga gtcttgctaa cataccacgt 1100
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192    attaccagag ttgaaatacc tccagataat cttccttcat tctaattcaa 1200
194    ttgcaagagt gggagtaaat gacttctgtc caacagtgcc aaagatgaag 1250
196    aaatctttat acagtgcaat aagtttattc aacaacccgg tgaaatactg 1300
198    ggaaatgcaa cctgcaacat ttcgttgtgt tttgagcaga atgagtgttc 1350
200    agcttgggaa ctttggaatg taataattag taattggtaa tgtccattta 1400
202    atataagatt caaaaatccc tacatttgga atacttgaac tctattaata 1450
204    atggtagtat tatatataca agcaaatatc tattctcaag tggtaagtcc 1500
206    actgacttat tttatgacaa gaaatttcaa cggaattttg ccaaactatt 1550
208    gatacataag gggttgagag aaacaagcat ctattgcagt ttccttttttg 1600
210    cgtacaaatg atcttacata aatctcatgc ttgaccattc ctttcttcat 1650
212    aacaaaaaag taagatattc ggtatttaac actttgttat caagcacatt 1700
214    ttaaaaagaa ctgtactgta aatggaatgc ttgacttagc aaaatttgtg 1750
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218    agagtgcatt acactattct tattctttag taacttgggt agtactgtaa 1850
220    tattttaat catcttaaag tatgatttga tataatctta ttgaaattac 1900
222    cttatcatgt cttagagccc gtctttatgt ttaaaactaa tttcttaaaa 1950
224    taaagccttc agtaaatgtt cattaccaac ttgataaatg ctactcataa 2000
226    gagctggttt ggggctatag catatgcttt ttttttttta attattacct 2050
228    gatttaaaaa tctctgtaaa aacgtgtagt gtttcataaa atctgtaact 2100
230    cgcatttaa tgatccgcta ttataagctt ttaatagcat gaaaattgtt 2150
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RAW SEQUENCE LISTING   DATE: 12/10/2001
PATENT APPLICATION: US/09/944,944   TIME: 15:40:44

Input Set : N:\paola\09944944.txt
Output Set: N:\CRF3\12102001\I944944.raw

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238  tagtataact gaataagcag agcatcaaat taaacagaca gaaaccgaaa 2350
240  gctctatata aatgctcaga gttctttatg tatttcttat tggcattcaa 2400
242  catatgtaaa atcagaaaac agggaaattt tcattaaaaa tattggtttg 2450
244  aaat 2454
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247  <211> LENGTH: 379
248  <212> TYPE: PRT
249  <213> ORGANISM: Homo Sapien

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253   1               5                   10                  15
255  Lys Pro Phe Phe Ser Pro Ser His Ile Ala Leu Lys Asn Met Met
256                  20                  25                  30
258  Leu Lys Asp Met Glu Asp Thr Asp Asp Asp Asp Asp Asp Asp Asp
259                  35                  40                  45
261  Asp Asp Asp Asp Asp Glu Asp Asn Ser Leu Phe Pro Thr Arg Glu
262                  50                  55                  60
264  Pro Arg Ser His Phe Phe Pro Phe Asp Leu Phe Pro Met Cys Pro
265                  65                  70                  75
267  Phe Gly Cys Gln Cys Tyr Ser Arg Val Val His Cys Ser Asp Leu
268                  80                  85                  90
270  Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
271                  95                  100                 105
273  Leu Asp Leu Gln Asn Asn Lys Ile Lys Glu Ile Lys Glu Asn Asp
274                  110                 115                 120
276  Phe Lys Gly Leu Thr Ser Leu Tyr Gly Leu Ile Leu Asn Asn Asn
277                  125                 130                 135
279  Lys Leu Thr Lys Ile His Pro Lys Ala Phe Leu Thr Thr Lys Lys
280                  140                 145                 150
282  Leu Arg Arg Leu Tyr Leu Ser His Asn Gln Leu Ser Glu Ile Pro
283                  155                 160                 165
285  Leu Asn Leu Pro Lys Ser Leu Ala Glu Leu Arg Ile His Glu Asn
286                  170                 175                 180
288  Lys Val Lys Lys Ile Gln Lys Asp Thr Phe Lys Gly Met Asn Ala
289                  185                 190                 195
291  Leu His Val Leu Glu Met Ser Ala Asn Pro Leu Asp Asn Asn Gly
292                  200                 205                 210
294  Ile Glu Pro Gly Ala Phe Glu Gly Val Thr Val Phe His Ile Arg
295·                 215                 220                 225
297  Ile Ala Glu Ala Lys Leu Thr Ser Val Pro Lys Gly Leu Pro Pro
298                  230                 235                 240
300  Thr Leu Leu Glu Leu His Leu Asp Tyr Asn Lys Ile Ser Thr Val
301                  245                 250                 255
303  Glu Leu Glu Asp Phe Lys Arg Tyr Lys Glu Leu Gln Arg Leu Gly
304                  260                 265                 270
306  Leu Gly Asn Asn Lys Ile Thr Asp Ile Glu Asn Gly Ser Leu Ala
307                  275                 280                 285
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309  Asn Ile Pro Arg Val Arg Glu Ile His Leu Glu Asn Asn Lys Leu
310                  290                 295                 300
312  Lys Lys Ile Pro Ser Gly Leu Pro Glu Leu Lys Tyr Leu Gln Ile
313                  305                 310                 315
315  Ile Phe Leu His Ser Asn Ser Ile Ala Arg Val Gly Val Asn Asp
316                  320                 325                 330
318  Phe Cys Pro Thr Val Pro Lys Met Lys Lys Ser Leu Tyr Ser Ala
319                  335                 340                 345
321  Ile Ser Leu Phe Asn Asn Pro Val Lys Tyr Trp Glu Met Gln Pro
322                  350                 355                 360
324  Ala Thr Phe Arg Cys Val Leu Ser Arg Met Ser Val Gln Leu Gly
325                  365                 370                 375
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330  <210> SEQ ID NO: 3
331  <211> LENGTH: 20
332  <212> TYPE: DNA
333  <213> ORGANISM: Artificial Sequence
335  <220> FEATURE:
336  <223> OTHER INFORMATION: Synthetic Oligonucleotide Probe
338  <400> SEQUENCE: 3
339  ggaaatgagt gcaaaccctc 20
341  <210> SEQ ID NO: 4
342  <211> LENGTH: 24
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361  gggtgacggt gttccatatc agaattgcag aagcaaaact gacctcagtt 50
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364  <211> LENGTH: 3441
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369  cggacgcgtg ggcggacgcg tgggcccgcs gcaccgcccc cggcccggcc 50
371  ctccgccctc cgcactcgcg cctccctccc tccgcccgct cccgcgccct 100
373  cctccctccc tcctccccag ctgtcccgtt cgcgtcatgc cgagcctccc 150
375  ggccccgccg gccccgctgc tgctcctcgg gctgctgctg ctcggctccc 200
377  ggccggcccg cggcgccggc ccagagcccc ccgtgctgcc catccgttct 250
379  gagaaggagc cgctgcccgt tcggggagcg gcaggctgca ccttcggcgg 300
381  gaaggtctat gccttggacg agacgtggca cccggaccta gggcagccat 350
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VERIFICATION SUMMARY   DATE: 12/10/2001
PATENT APPLICATION: US/09/944,944   TIME: 15:40:45

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